

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	"4157321".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:02
L3	2	"4157321".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L4	0	219543-544.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L5	2807	219/543-544.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L6	2	L5 and hybrid with (solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L7	126916	"219"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L8	3	L7 and hybrid with (solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L9	158	L7 and (solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L10	5	L7 and (solgel or sol-gel) and organosilane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L11	0	(solgel or sol-gel) and organosilane with conductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L12	127	(solgel or sol-gel) and organosilane and conductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03

## EAST Search History

L13	0	219543-544.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L14	2807	219/543-544.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L15	126916	"219"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L16	158	L15 and (solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L17	0	(solgel or sol-gel) and organosilane with conductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L18	2	"4157321".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L19	2	L14 and hybrid with (solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L20	3	L15 and hybrid with (solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L21	5	L15 and (solgel or sol-gel) and organosilane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L22	127	(solgel or sol-gel) and organosilane and conductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L23	4	(cnossen and werkman and boehmer and lee and tan).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L24	2	"4920254".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03

## EAST Search History

L25	126919	L14 or L15 or L18 or L24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L26	189	L25 and (heat or heater or heating) and (sol-gel or sol with gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L27	93	L25 and (heat or heater or heating) with (conductive or conduct) and (sol-gel or sol with gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L28	2	L27 and (hybrid or non with hybrid or non-hybrid or nonhybrid) with (sol or gel or solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L29	2269	(hybrid or non with hybrid or non-hybrid or nonhybrid) with (sol or gel or solgel or sol-gel) and (heat or heater or heating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L30	75	L29 and "hybrid sol-gel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L31	4	L29 and "hybrid sol-gel" with precursor with organosilane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L32	4	"hybrid sol-gel" with precursor with organosilane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L33	5	"hybrid sol-gel" with organosilane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L34	1	"hybrid sol-gel" and "219"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L35	26	"219"/\$.ccls. and organosilane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03
L36	5	"219"/\$.ccls. and organosilane and sol-gel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/07/21 10:03

## EAST Search History

S1	2	"4157321".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:22
S2	0	219543-544.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:22
S3	2751	219/543-544.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:22
S4	2	S3 and hybrid with (solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:24
S5	124383	"219"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:24
S6	3	S5 and hybrid with (solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:25
S7	140	S5 and (solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:25
S8	5	S5 and (solgel or sol-gel) and organosilane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:26
S9	0	(solgel or sol-gel) and organosilane with conductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/24 13:27
S10	112	(solgel or sol-gel) and organosilane and conductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/25 06:47
S11	2	"4157321".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:08
S12	0	219543-544.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:08

## EAST Search History

S13	2751	219/543-544.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:08
S14	2	S13 and hybrid with (solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:08
S15	124405	"219"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:14
S16	3	S15 and hybrid with (solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:08
S17	140	S15 and (solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:08
S18	5	S15 and (solgel or sol-gel) and organosilane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:08
S19	0	(solgel or sol-gel) and organosilane with conductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:08
S20	112	(solgel or sol-gel) and organosilane and conductor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:08
S21	3	(cnossen and werkman and boehmer and lee and tan).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:12
S22	2	"4920254".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:13
S23	124408	S13 or S15 or S11 or S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:22
S24	168	S23 and (heat or heater or heating) and (sol-gel or sol with gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:25

## EAST Search History

S25	78	S23 and (heat or heater or heating) with (conductive or conduct) and (sol-gel or sol with gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:25
S26	2	S25 and (hybrid or non with hybrid or non-hybrid or nonhybrid) with (sol or gel or solgel or sol-gel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:29
S27	1957	(hybrid or non with hybrid or non-hybrid or nonhybrid) with (sol or gel or solgel or sol-gel) and (heat or heater or heating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:29
S28	64	S27 and "hybrid sol-gel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:38
S29	3	S27 and "hybrid sol-gel" with precursor with organosilane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:38
S30	3	"hybrid sol-gel" with precursor with organosilane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:39
S31	4	"hybrid sol-gel" with organosilane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:39
S32	1	"hybrid sol-gel" and "219"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:40
S33	26	"219"/\$.ccls. and organosilane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:40
S34	5	"219"/\$.ccls. and organosilane and sol-gel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/30 09:40